

# Mineral Industry Surveys

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## GYPSUM IN SEPTEMBER 2002

Producers mined 1.57 million metric tons (Mt) of gypsum in September 2002 (table 1). Output was slightly more than that of August 2002 and 10% more than that of September 2001. Synthetic gypsum production was 438,000 tons (t) in September 2002 (table 1), which was 5% less than that of August 2002 and 8% less than that of September 2001. Synthetic gypsum is increasingly used as a raw material for wallboard. During January through August 2002, of the 18.9-Mt supply of gypsum in the United States, 3.45 Mt or 18% was synthetic gypsum. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 476,000 tons, 20% less than that of August 2002 and 36% less than that of September 2001.

Output of calcined gypsum was 2.09 Mt, 17% more than that of August 2002 and 25% more than that of September 2001.

Sales of board products were 2.4 billion square feet (223 million square meters), 24% less than that of August 2002 and slightly less than that of September 2001.

Import and export data for September 2002 were not available at the time of publication. Imports of crude gypsum in August 2002 were 634,000 t, 13% less than that of July 2002 and 10% less than that of August 2001. Gypsum wallboard imports, principally from Canada, for August 2002 were 41,000 t, equivalent to 49 million square feet (4.6 million square meters). These imports were 28% more than those of July 2002 and 20% less than those of August 2001. Wallboard exports to 18 countries and territories in August 2002 were 4,700 t, equivalent to 5.6 million square feet (523,000 square meters). These exports were slightly less than those of July 2002 and 19% less than those of August 2001.

TABLE 1  
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2002			2001
	September	August	January-September	January-September
Crude:				
Mined 3/	1,570,000	1,550,000	11,700,000	12,200,000
Imported 4/	NA	634,000	NA	5,930,000
Exported 4/	NA	59,700	NA	179,000
Synthetic gypsum 5/	438,000	459,000	3,890,000	4,000,000
Total supply	NA	2,580,000	NA	22,000,000
Calcined:				
Produced	2,090,000	1,780,000	16,100,000	12,900,000
Imported 6/	NA	1,010	NA	6,890
Exported 6/	NA	11,500	NA	228,000
Total supply	NA	1,770,000	NA	12,700,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2  
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2002			2001
	September	August	January -September	January -September
Uncalcined: 3/				
Portland cement	276,000	392,000	2,940,000	3,220,000
Agriculture and misc.	200,000	199,000	1,940,000	2,990,000
Total supply	476,000	592,000	4,880,000	6,210,000
Calcined:				
Board products 4/	2,010,000	2,290,000	r/ 19,000,000	18,500,000
Plaster	30,400	33,200	293,000	289,000
Total supply	2,040,000	2,320,000	r/ 19,300,000	18,800,000
Board products: (Thousand square feet) 5/				
Regular board	1,450,000	1,670,000	13,500,000	12,900,000
Type X board	714,000	805,000	6,940,000	7,020,000
Other	242,000	271,000	2,310,000	2,300,000
Total supply	2,410,000	2,750,000	22,700,000	22,200,000

r/ Revised.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3  
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2002		2001	
	August	July	January- August	January- August
Canada	386,000	376,000	3,540,000	3,860,000
China	--	--	--	20
Germany	--	--	--	6
Italy	--	10,100 r/	10,100	--
Japan	--	--	3	1
Korea, Republic of	--	--	270	--
Mexico	185,000	167,000	1,310,000	1,180,000
Spain	63,600	94,200	550,000	521,000
Thailand	--	79,400	79,400	74,500
United Kingdom	20	--	88	256
Total	634,000	727,000	5,500,000	5,640,000

r/ Revised. -- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4  
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
2001:				
August	2,240	1,570	707	29
September	2,090	1,430	689	35
October	2,220	1,580	672	39
November	2,200	1,490	768	51
December	1,660	1,180	498	25
January - December	24,600	16,600	8,270	278
2002:				
January	1,910	1,300	626	25
February	1,810	1,240	595	22
March	2,090	1,410	742	64
April	2,180	1,450	749	20
May	1,890	1,150	752	16
June	1,670	1,070	671	62
July	1,730	1,020	727	14
August	2,120	1,550	634	60
September	NA	1,570	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5  
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2002:											
September:											
Lath	8	(2)	12	--	2	--	--	--	21	--	40
Veneer base	19,600	2,970	8,360	1,200	8,440	9	79	152	1,420	143	42,400
Sheathing	1,360	3,360	4,510	4,970	8,280	2,160	9,060	4,200	6,700	939	45,500
Regular gypsum board	36,100	132,000	191,000	96,100	385,000	102,000	190,000	133,000	162,000	24,500	1,450,000
Type X gypsum board	19,100	69,100	103,000	63,000	114,000	25,600	80,200	85,700	148,000	5,900	714,000
Predecorated board	314	701	1,000	608	1,260	339	667	381	798	20	6,090
5/16 Mobile home board	--	3,290	8,480	--	14,400	19,000	9,890	2,070	1,310	--	58,400
Water/moisture resistant board	3,950	15,000	11,600	4,900	18,700	3,470	9,780	7,540	12,200	2,310	89,400
Total	80,300	226,000	328,000	171,000	550,000	152,000	300,000	233,000	332,000	33,800	2,410,000
January - September:											
Lath	18	139	92	--	57	--	--	8	281	--	595
Veneer base	189,000	25,900	70,400	8,650	83,500	215	741	3,180	13,900	246	396,000
Sheathing	11,300	31,400	34,500	44,200	80,200	17,000	83,700	51,500	69,300	7,640	431,000
Regular gypsum board	350,000	1,260,000	1,850,000	900,000	3,660,000	919,000	1,700,000	1,220,000	1,450,000	197,000	13,500,000
Type X gypsum board	211,000	725,000	1,030,000	562,000	1,180,000	242,000	750,000	819,000	1,380,000	42,000	6,940,000
Predecorated board	3,390	5,970	9,440	4,930	12,700	3,680	8,470	3,290	6,230	545	58,700
5/16 Mobile home board	--	19,000	80,400	27	158,000	172,000	99,000	15,400	10,800	227	556,000
Water/moisture resistant board	40,900	149,000	114,000	47,900	186,000	32,500	90,900	73,600	113,000	22,600	871,000
Total	806,000	2,210,000	3,180,000	1,570,000	5,360,000	1,390,000	2,740,000	2,180,000	3,040,000	271,000	22,700,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain, (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.